



WHAT IS CLAIMED IS :

Claim 1 (Amended)

~~Micromixing~~ A micromixing method ~~to mix~~ for plural types of substance contained in liquefied matter ~~by~~ which comprises permeating the liquefied matter through a phase separation porous glass body in a the hollow cylindrical shape having numerous microholes in the diameter of 0.03 to 100 micron meters with the differential pressure to promote the mixing in the molecule level.

Claim 2 (Cancelled)

Micromixing method for plural types of substance contained in liquefied matter with the use of the phase separation porous glass body in the hollow cylindrical shape referred to in the above claim 1.

Claim 3 (Cancelled)

Micromixing method for plural types of substance contained in liquefied matter referred to in the above claims 1 and 2 by permeating the liquefied matter through the numerous microholes in the hollow cylindrical phase separation porous glass body with the differential pressure.

Claim 4 (Amended)

~~Micromixing~~ The micromixing method for liquefied matter containing plural types of substance referred to the ~~above~~ claim 1, ~~2, or 3~~ ~~with the use of~~ wherein the ~~above mentioned~~ phase separation porous glass body is mainly made of SiO₂ ~~which~~ and is formed by separating molded borosilicate glass into a phase rich in SiO₂ and another phase rich in B₂O₃ and CaO, and by processing ~~them~~ it in acid to have the phase rich in B₂O₃ and CaO to elute, ~~and~~ whereby the resulting ~~the obtained~~ microholes have cylindrical hole structure.

Claim 5 (Amended)

~~Micromixing~~ The micromixing method for liquefied matter containing plural types of substance referred to in the ~~above~~ claim 1, ~~2, 3,~~ ~~or 4~~ to cause chemical reaction among the plural types of substance.

Claim 6 (Amended)

~~Micromixing~~ The micromixing method to produce oligomers or polymers with the micromixing of liquefied matter containing one or more types of monomers referred to in the ~~above~~ claim 1 ~~2, 3, or 4~~ .

Claim 7 (Withdrawn)

Micromixing method for solution containing plural types of substance referred to in the claim 6 that monomer solution is ethyl benzimidate solution in tetrahydrofuran(THF) and that the oligomer is 2, 4, 6 triphenyl - 1, 3, 5 triazine which is trimer of benzonitrile.